



The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
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JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

08/05/2011

Laura Martin
Assistant District Attorney, Norfolk County

Dear ADA Martin,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Stacey Desjardins.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Stacey Desjardins was the custodial chemist and performed the preliminary testing and net weight for this sample. Annie Dookhan was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Stacey Lyn Desjardins

stacey.feiden@state.ma.us

EDUCATION

Master of Science—Forensic Science

University of New Haven; West Haven, Connecticut

May 2006

- Concentration: Criminalistics
- Certificate: Advanced Investigation

Bachelor of Arts—Chemistry

Monmouth College; Monmouth, Illinois

May 2004

- Graduated Cum Laude

EXPERIENCE

Chemist I

Massachusetts Department of Public Health; Jamaica Plain, Massachusetts

March 2009-present

- Analyze unknown substances submitted by Massachusetts Law Enforcement Agencies
- Operate, maintain, and interpret data from analytical equipment (Gas Chromatograph, analytical balance, microscope, Ultraviolet Spectrometer, Infrared Spectrometer)
- Provide expert testimony to local, state, and federal courts in Massachusetts

Teaching/Graduate Assistant

Monmouth College Chemistry Department

University of New Haven Forensic Science Department

January 2001-May 2006

- Supervised labs and answered student questions
- Performed demonstrations using forensic techniques and chemicals

Additional work experience and references available upon request

TRAINING

2010: DEA Forensic Chemist Seminar—Washington DC

2009: Multijurisdictional Counterdrug Task Force Training on Current Drug Trends

2009: Six week training with Senior Staff at the Massachusetts Department of Public Health Drug Analysis Laboratory—appointed Assistant Analyst

2005: Internship with the New Hampshire State Crime Lab

COURSEWORK

Biomedical Methods of Forensic Science, Criminal Procedure, Forensic Microscopy, Advanced Criminalistics I and II, Forensic Toxicology, Advanced Investigation I and II, Physical Analysis in Forensic Science, Organic Chemistry I and II, General Chemistry, Analytical Chemistry I and II, Physical Chemistry I, II, and III, Biochemistry, Advanced Inorganic Chemistry

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

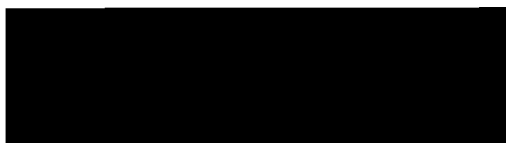
1:00 – 3:00

DRUG RECEIPT

City or Department: Braintree Police Reference No.: 

Name and Rank of Submitting Officer: Clifford

Defendant(s) Name (last, first, initial):



To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

(2) XANAX pills

2.33 gm

(4) Methadone pills

2.58 gm



Received by: 

Date: 8.5.10

No. [REDACTED] Date Analyzed: 11-2-10
City: Braintree Police Dept.
Officer: Detective RICHARD CLIFFORD
Def: [REDACTED]
Amount: 2.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 08/05/2010 No. Analyzed:
Gross Wt.: 2.33✓ Net Weight:
Tests: 1 SLD
A+L
Prelim: Findings: alprazolam
E

No. [REDACTED] Date Analyzed: 11-09-10
City: Braintree Police Dept.
Officer: Detective RICHARD CLIFFORD
Def: [REDACTED]
Amount: 4.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 08/05/2010 No. Analyzed:
Gross Wt.: 2.58✓ Net Weight:
Tests: 1 SLD
methadone
Prelim: B Findings: 2 ASD
methadone

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Braintree

ANALYST

SLD

No. of samples tested: _____

Evidence Wt.

✓

PHYSICAL DESCRIPTION:

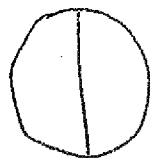
- signed & sealed
- 2 light blue, round tabs

Gross Wt (): _____

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.25g



- Class E

- A+L

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () _____

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA () _____

OTHER TESTS

Micromedex

PRELIMINARY TEST RESULTS

RESULTS _____

DATE _____

GC/MS CONFIRMATORY TEST

RESULTS alprazolam

MS
OPERATOR _____

DATE 11-2-10

POISINDEX® Product List

Alprazolam

Regulatory-Status: Schedule IV

Ingredients

Active-Ingredient: Alprazolam - 1 MG

Excipients: Silicon Dioxide, Colloidal
Croscarmellose Sodium
Docusate Sodium
Lactose (Monohydrate)
Magnesium Stearate
Microcrystalline Cellulose
Sodium Benzoate
Sodium Lauryl Sulfate
FD&C Blue No. 2

Availability & Manufacturing

Availability: United States

Available-Container-Sizes: Strip of 100; Strip of 1; Bottle of 100; Bottle of 500; Bottle of 90

Contact: Mylan Pharmaceuticals

Product ID: 5325984

AAPCC Code: 007000 - Benzodiazepines

Registry Numbers: NDC 0378-4005-77
NDC 51079-790-20
NDC 51079-790-01
NDC 0378-4005-01
NDC 51079-790-21
NDC 0378-4005-05

Physical Description

Imprint: MYLAN A1 - The tablet is debossed with MYLAN over A1 on one side of the tablet and scored on the other side.

Form: Oral Tablet

Color: Blue

Shape: Circle

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DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Braintree

ANALYST

SLD

No. of samples tested: _____

Evidence Wt. ✓

PHYSICAL DESCRIPTION:

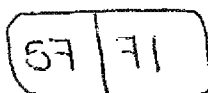
- signed & sealed
- 4 white, rectangular tabs

Gross Wt (): _____

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 1.00g



- Class B

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () _____

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA () _____

OTHER TESTS

Micromedex

PRELIMINARY TEST RESULTS

RESULTS methadone

DATE 11-2-10

GC/MS CONFIRMATORY TEST

RESULTS methadone

MS
OPERATOR ASD

DATE 11-9-10

POISINDEX® Product List**Methadone Hydrochloride**

Also known as Methadone HCl

Regulatory-Status: Schedule II

Ingredients

Active-Ingredient: Methadone Hydrochloride - 10 MG

Excipients: Magnesium Stearate
Cellulose, Microcrystalline
Silicon Dioxide
Lactose (Monohydrate)

Availability & Manufacturing

Availability: United States

Available-Container-Sizes: Bottle of 100; 10X10

Contact: Covidien Mallinckrodt

Product ID: 6710697

AAPCC Code: 037703 - Methadone

Registry Numbers: NDC 0406-5771-01
NDC 0406-5771-62

Physical Description

Imprints: M - The tablet is debossed with a score between 57 and 71 on one side and M enclosed in a box on the other side.
57 71

Alt Imprint: 5771

Form: Oral Tablet

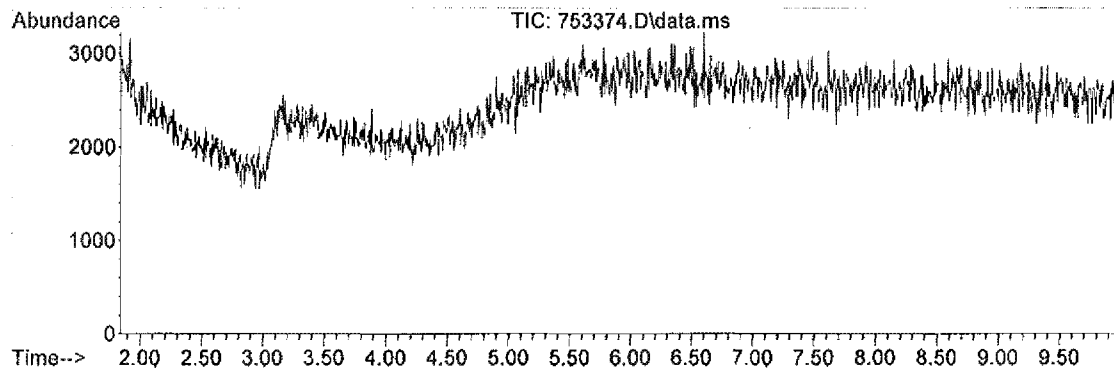
Color: White to Off-White

Shape: Rectangle

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\753374.D
Operator : ASD
Date Acquired : 8 Nov 2010 23:19
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



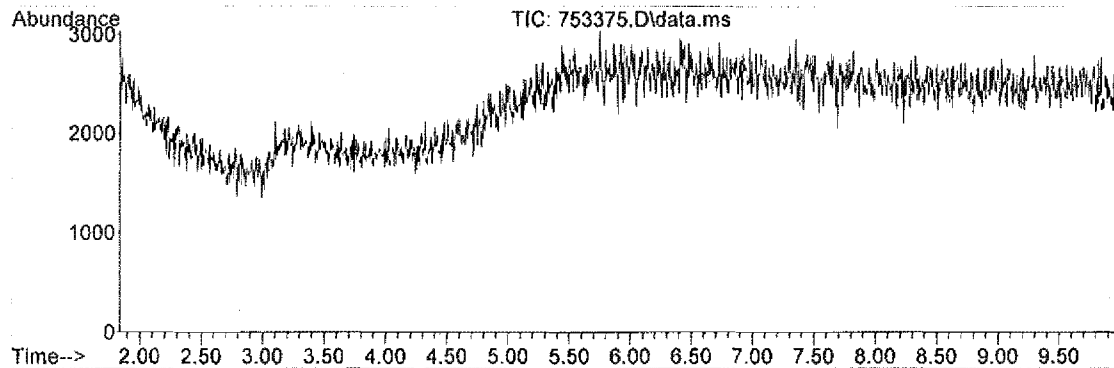
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\753375.D
Operator : ASD
Date Acquired : 8 Nov 2010 23:32
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

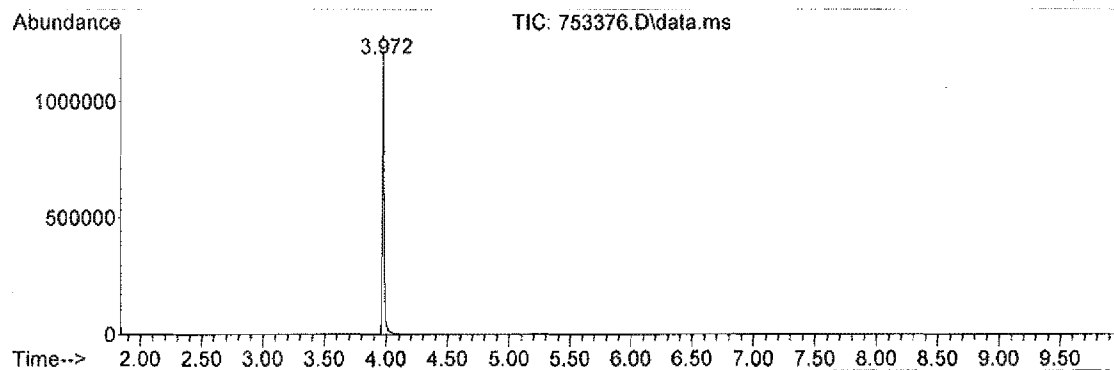


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\753376.D
Operator : ASD
Date Acquired : 8 Nov 2010 23:45
Sample Name : METHADONE STD
Submitted by :
Vial Number : 76
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.972	1241862	100.00	100.00

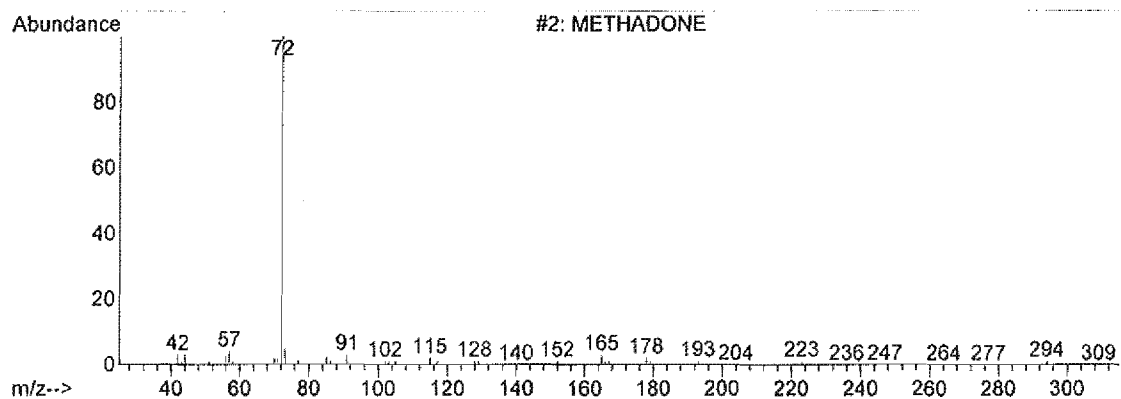
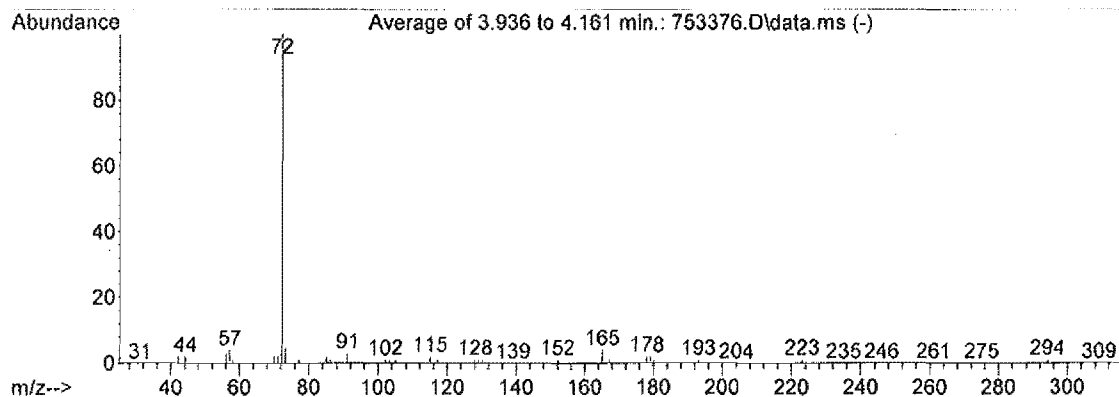
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\753376.D
 Operator : ASD
 Date Acquired : 8 Nov 2010 23:45
 Sample Name : METHADONE STD
 Submitted by :
 Vial Number : 76
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

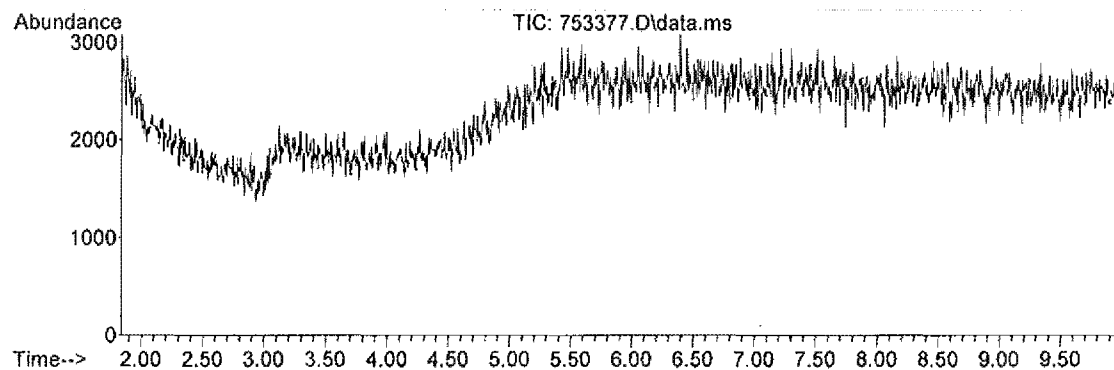
PK#	RT	Library/ID	CAS#	Qual
1	3.97	C:\Database\SLI.L METHADONE	001095-90-5	97



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\753377.D
Operator : ASD
Date Acquired : 8 Nov 2010 23:58
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



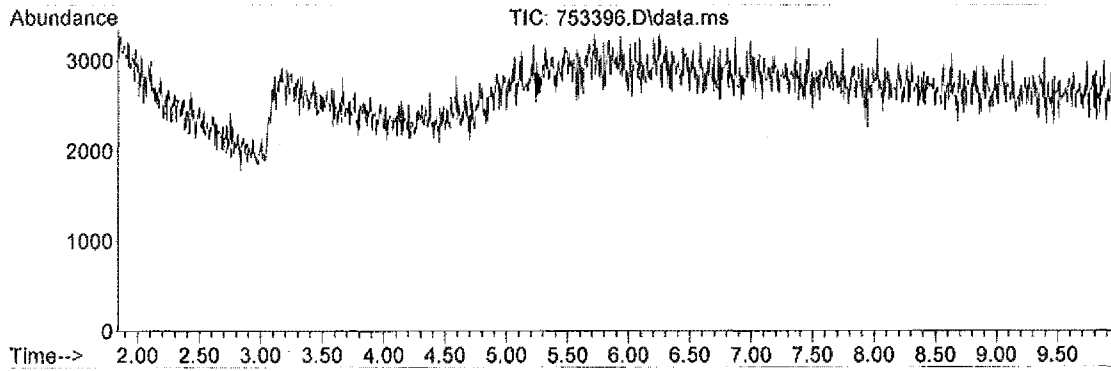
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\753396.D
Operator : ASD
Date Acquired : 9 Nov 2010 4:02
Sample Name : BLANK
Submitted by : SLD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

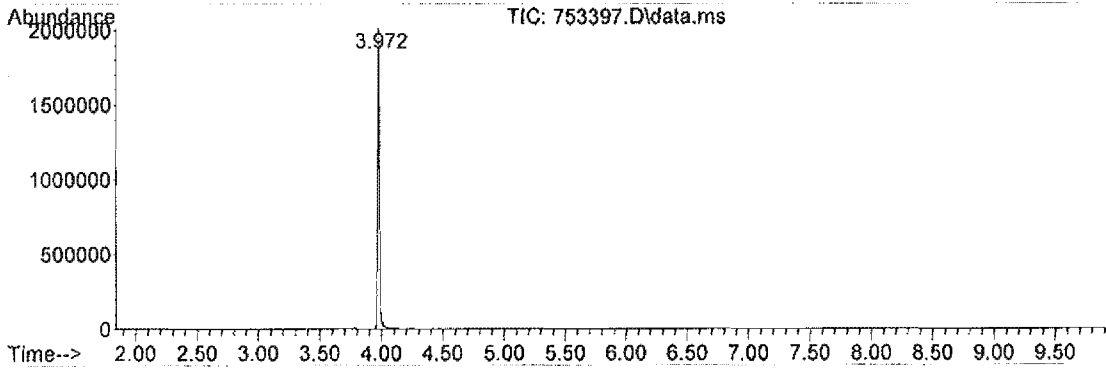


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\753397.D
 Operator : ASD
 Date Acquired : 9 Nov 2010 4:14
 Sample Name : XXXXXXXXXX
 Submitted by : SLD
 Vial Number : 97
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.972	2132010	100.00	100.00

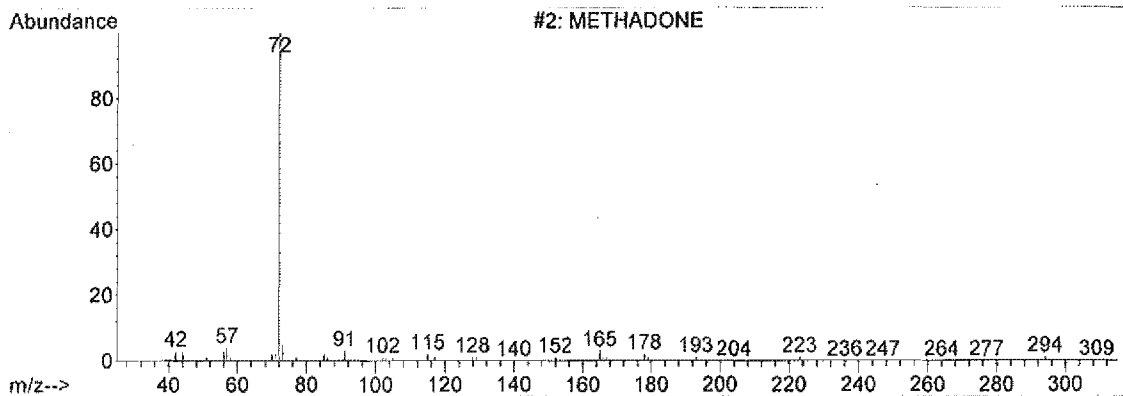
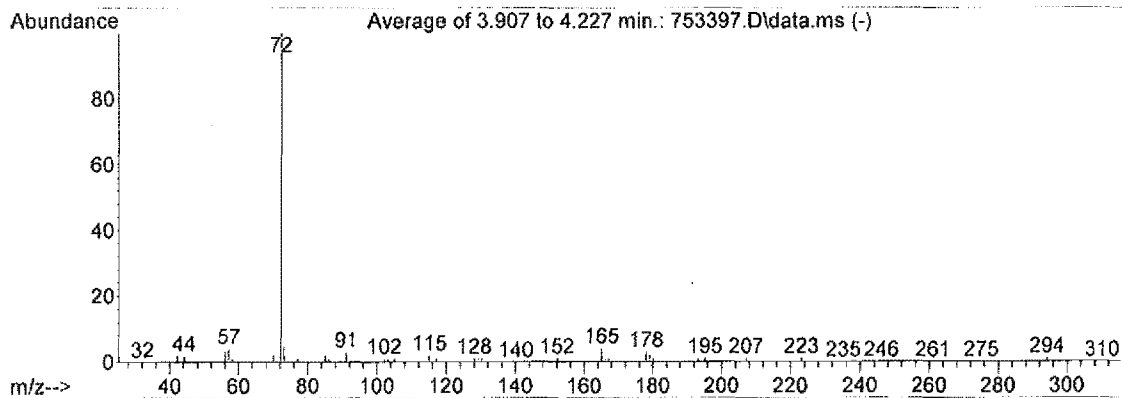
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\753397.D
 Operator : ASD
 Date Acquired : 9 Nov 2010 4:14
 Sample Name : XXXXXXXXXX
 Submitted by : SLD
 Vial Number : 97
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

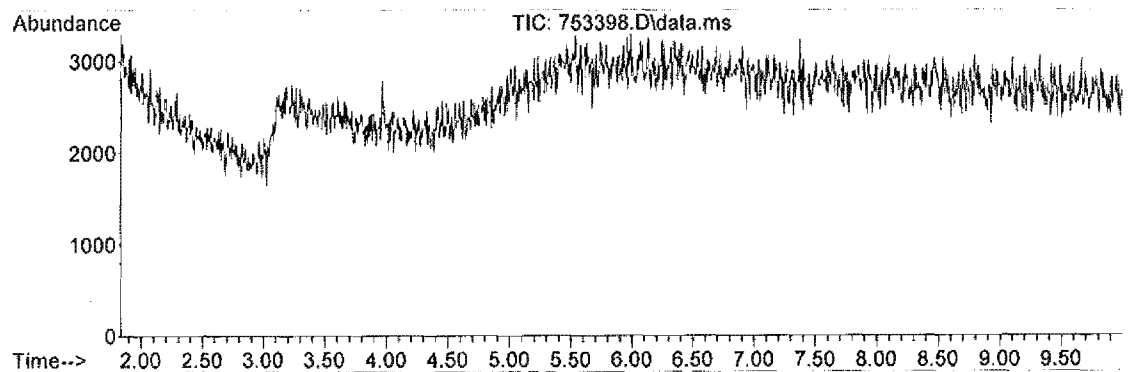
PK#	RT	Library/ID	CAS#	Qual
1	3.97	C:\Database\SLI.L METHADONE	001095-90-5	96



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\753398.D
 Operator : ASD
 Date Acquired : 9 Nov 2010 4:28
 Sample Name : BLANK
 Submitted by : SLD
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

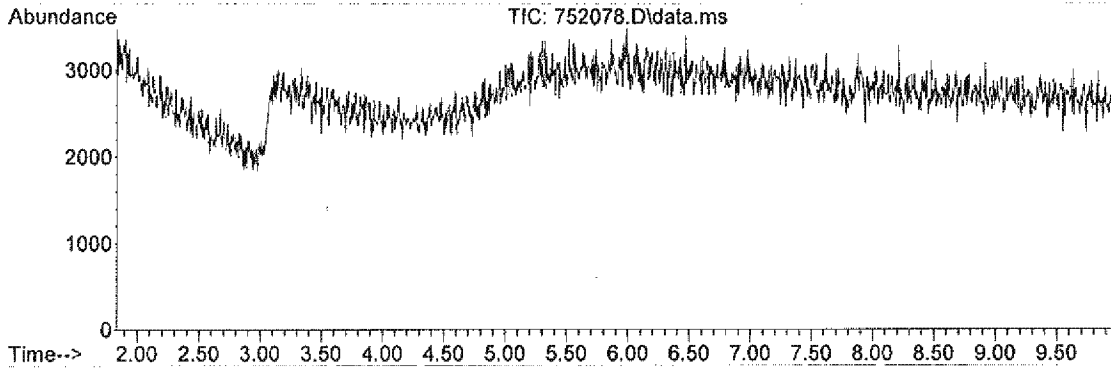


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\752078.D
 Operator : ASD
 Date Acquired : 9 Nov 2010 5:45
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

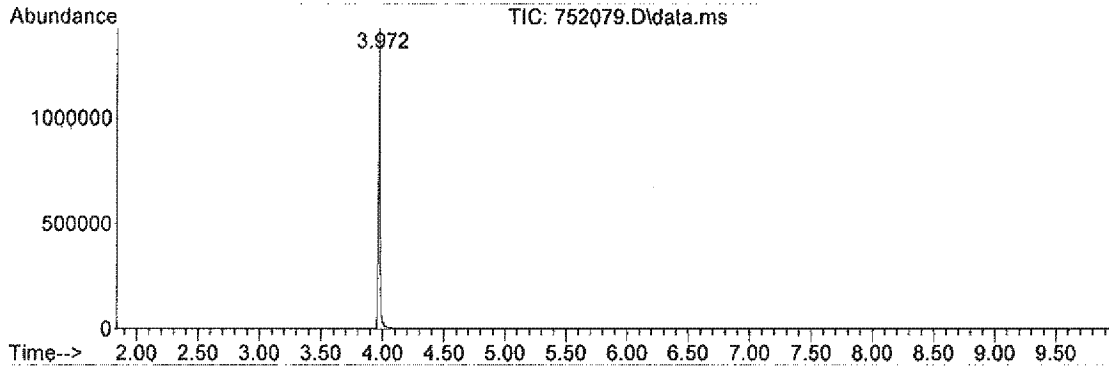


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\752079.D
 Operator : ASD
 Date Acquired : 9 Nov 2010 5:58
 Sample Name : METHADONE STD
 Submitted by :
 Vial Number : 76
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



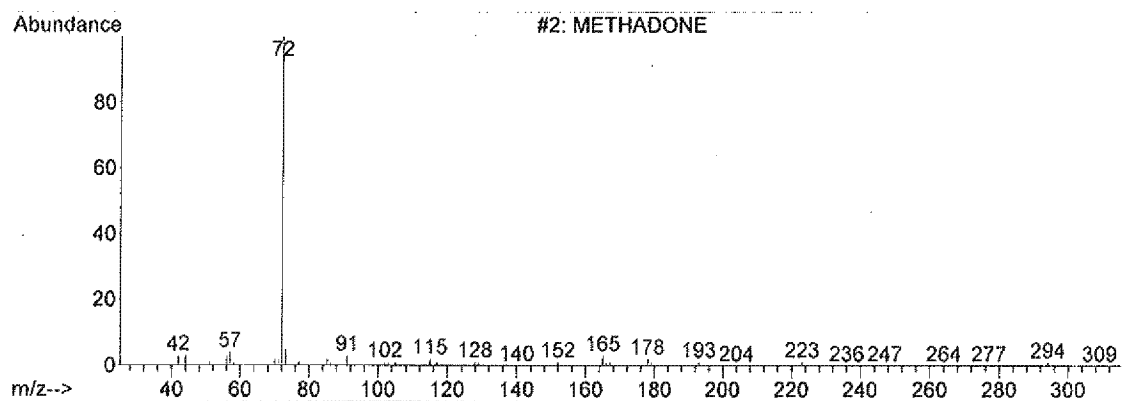
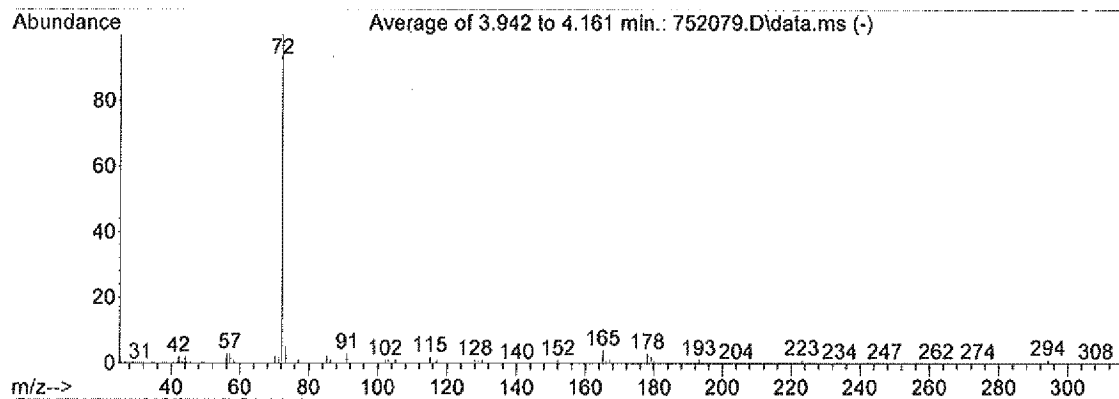
Ret. Time	Area	Area %	Ratio %
3.972	1331155	100.00	100.00

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\752079.D
Operator : ASD
Date Acquired : 9 Nov 2010 5:58
Sample Name : METHADONE STD
Submitted by :
Vial Number : 76
AcquisitionMeth: DRUGS.M
Integrator : RTE

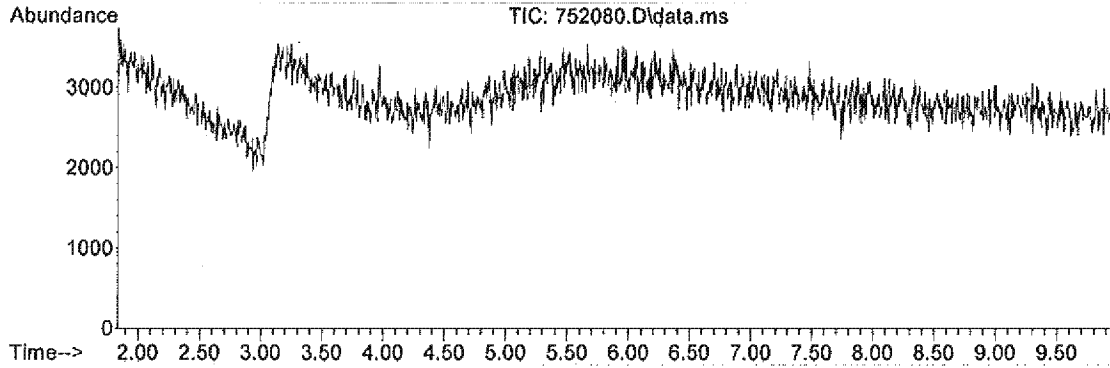
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.97	C:\Database\SLI.L METHADONE	001095-90-5	97



Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\11_08_10\752080.D
Operator : ASD
Date Acquired : 9 Nov 2010 6:10
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS